Installation Type	Unit of Measure	Capacity/Flow rate (1)	Use Factor (2)	Fixed use (litres/person/day) (3)	Litres/person/day = [(1)x(2)] + (3) (4)
WC (single flush)	Flush Volume (litres)		4.42	0.00	0
WC (dual flush)	Full flush Volume (litres)		1.46	0.00	0
	Part flush Volume (litres)		2.96	0.00	0
WC (multiple fittings)	Average effective flushing Volume (litres)	4.50	4.42	0.00	19.89
Taps (excluding kitchen/utility room taps)	Flow rate (litres/min)	3.20	1.58	1.58	6.64
Bath (where shower also present)	Capacity to overflow(litres)	90.00	0.11	0.00	9.90
Shower (where bath also present)	Flow Rate(litres / minute)	6.00	4.37	0.00	26.22
Bath Only	Capacity to overflow(litres)		0.50	0.00	0
Shower Only	Flow Rate (litres/minute)		5.60	0.00	0
Kitchen/Utility room sink taps	Flow rate (litres/minute)	6.00	0.44	10.36	13.00
Washing Machine	(Litres/kg dry load)	8.17	2.1	0.00	17.16
Dishwasher	(Litres/place setting)	1.25	3.6	0.00	4.50
Waste disposal unit	(Litres/use)	☐ Present	3.08	0.00	0
Water Softener	(Litres/person/day)		1.00	0.00	0
	(5)	Total Calculated use (litres/person/day) =SUM(column 4)			97.31
	(6)	Contribution from greywater (litres/person/day)			0
	(7)	Contribution from rainwater (litres/person/day)			0
	(8)	Normalisation factor			0.91
	(9)	Total internal water consumption = [(5)-(6)-(7)]x(8) (litres/person/day)			88.55
	(10)	External water use			5.0
	(11)	Total water consumption (Building Regulation 17.K) =(9)+(10)(litres/person/day)			93.6

Installation Type	Make/Model (mandatory)	Litres/Person/Day
WC (multiple fittings)	Ideal Standard and Heritage	19.89
Taps	unknown	6.64
Baths (shower(s) present)	Heritage	9.90
Showers (bath(s) present)	unknown	26.22
Kitchen Taps	Bristan	13.00
Washing Machines		17.16
Dishwasher		4.50

©Water Research Centre Limited 2024

Terms and Conditions
System Requirements